AO 120 (Rev. 08/10)

TO:	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK
Mail Stop 8 **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Northern District of Georgia on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
1:15-cv-2284-LMM	6/26/2015	Northern District of Georgia

PLAINTIFF	DEFENDANT
TRIDIA CORPORATION	SAUCE LABS, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	5,909,545	6/1/1999	Tridia Corporation
2	US RE38,598 E	9/21/2004	Tridia Corporation
3	US RE38,598 C1	5/18/2010	Tridia Corporation
4			
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT
Dismissed with prejudice as settled by agreement of the parties.

CLERK	(BY) DEPUTY CLERK	DATE
JAMES N. HATTEN	s/ Harry F. Martin	12/22/2016

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

US005909545A

United States Patent [19]

Frese, II et al.

[11] **Patent Number: 5,909,545**

[45] **Date of Patent: Jun. 1, 1999**

[54] **METHOD AND SYSTEM FOR ON DEMAND DOWNLOADING OF MODULE TO ENABLE REMOTE CONTROL OF AN APPLICATION PROGRAM OVER A NETWORK**

[75] Inventors: **Vincent Frese, II**, Woodstock; **W. Brian Blevins**, Canton, both of Ga.

[73] Assignee: **Tridia Corporation**, Atlanta, Ga.

[21] Appl. No.: **08/589,136**

[22] Filed: **Jan. 19, 1996**

[51] **Int. Cl.**[6] **G06F 15/136**

[52] **U.S. Cl.** **395/200.38**; 395/200.32

[58] **Field of Search** 395/200.32, 200.34, 395/200.35, 684, 200.38; 707/500, 501, 526

[56] **References Cited**

U.S. PATENT DOCUMENTS

5,280,583	1/1994	Nakayama et al.	395/200.35
5,315,711	5/1994	Barone et al.	395/20.38
5,347,632	9/1994	Filepp et al.	395/200.32
5,379,374	1/1995	Ishizaki et al.	395/200.33
5,392,400	2/1995	Berkowitz et al.	395/200.33
5,491,791	2/1996	Glowny et al.	395/183.13
5,530,795	6/1996	Wan	395/200.35
5,537,548	7/1996	Fin et al.	395/682

OTHER PUBLICATIONS

X Over the Web, Daniel Dandailler, *The X Resource*, Issue 15.

Levitt, Jason "Building apps with Navigator," Information Week, Nov. 6 1995, n552 p88(4): CD. Computer Select 1995.

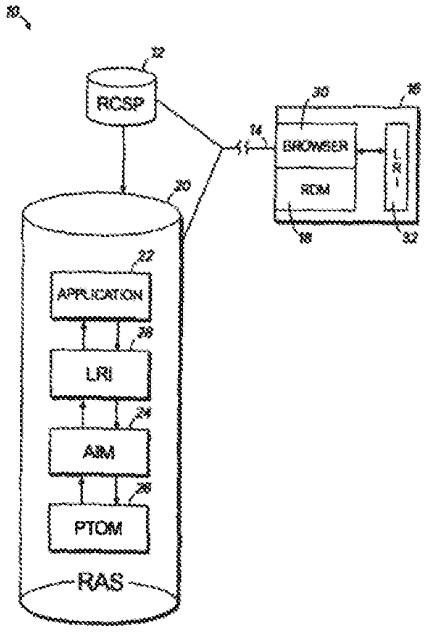
Primary Examiner—Dung C. Dinh

Attorney, Agent, or Firm—Morris, Manning & Martin, L.L.P.

[57] **ABSTRACT**

The system and method is disclosed for remotely controlling an application program over a network. The system includes an application interception module and remote display module. The remote display module is transported across the network and executed on the user system in response to a user's request to provide on-demand remote control of an application program. The application interception module captures an I/O stream generated by an application program, converts it to remote control protocol messages and transports them across a network to the remote display module executing in the user system. The remote display module converts the remote control protocol messages to system calls compatible with the operating system environment for the users computer. Likewise, the remote display module converts system calls to the local resource interface in the user's computer to remote control protocol messages which are transported across the network to the application interception module. The application interception module interface converts the remote control protocol messages to system calls for the application program. In this manner, output from the application program is provided to the user's computer and input actions at the user's computer are provided to the application program. Preferably, the remote display modules and application programs are presented through HTTP servers over a network to a user's system which uses a browser having a JAVA interpreter to execute the remote display module and convert the remote control protocol messages.

18 Claims, 4 Drawing Sheets



US00RE38598E1

(19) **United States**

(12) **Reissued Patent**

Frese, II et al.

(10) **Patent Number: US RE38,598 E**

(45) **Date of Reissued Patent: Sep. 21, 2004**

(54) **METHOD AND SYSTEM FOR ON DEMAND DOWNLOADING OF MODULE TO ENABLE REMOTE CONTROL OF AN APPLICATION PROGRAM OVER A NETWORK**

(75) Inventors: **Vincent Frese, II**, Woodstock, GA (US); **W. Brian Blevins**, Conyers, GA (US); **John P. Jarrett**, Roswell, GA (US)

(73) Assignee: **Tridia Corporation**, Kennesaw, GA (US)

(21) Appl. No.: **09/779,177**

(22) Filed: **Feb. 8, 2001**

Related U.S. Patent Documents

Reissue of:

(64) Patent No.: **5,909,545**
Issued: **Jun. 1, 1999**
Appl. No.: **08/589,136**
Filed: **Jan. 19, 1996**

(51) **Int. Cl.**[7] **G06F 13/00**; G06F 15/163

(52) **U.S. Cl.** **709/208**; 709/229

(58) **Field of Search** 709/201, 202, 709/203, 204, 205, 206, 208, 209, 210, 211, 217, 227, 228, 229; 707/500, 501, 526

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,280,583	A	*	1/1994	Nakayama et al.	709/205
5,315,711	A	*	5/1994	Barone et al.	709/208
5,347,632	A	*	9/1994	Filepp et al.	709/202
5,379,574	A	*	1/1995	Fischer et al.	53/535
5,392,400	A	*	2/1995	Berkowitz et al.	709/203
5,491,791	A	*	2/1996	Glowny et al.	714/37
5,530,795	A	*	6/1996	Wan	345/759
5,537,548	A	*	7/1996	Fin et al.	709/204

OTHER PUBLICATIONS

Levitt, Jason "Building apps with Navigator," Information Week, Nov. 6 1995, n.552 p. 88(4): CD. Computer Select 1995.*

Daniel Garfinkel, Bruce C. Welti, & Thomas W. YIP; HP SharedX: "A Tool for Real–Time Collaboration", HP Journal Online, www.hpl.hp.com/hpjournal/94apr/apr94.htm pp 23–36.

Jan Newmarch: "Embedding of X Applications" University of Canberra, Australia.

(List continued on next page.)

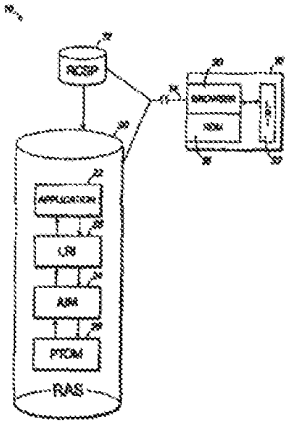
Primary Examiner—Dung C. Dinh

(74) *Attorney, Agent, or Firm*—Michael J. Mehrman; Mehram Law Office, PC

(57) **ABSTRACT**

The system and method is disclosed for remotely controlling an application program over a network. The system includes an application interception module and remote display module. The remote display module is transported across the network and executed on the user system in response to a user's request to provide on-demand remote control of an application program. The application interception module captures an I/O stream generated by an application program, converts it to remote control protocol messages and transports them across a network to the remote display module executing in the user system. The remote display module converts the remote control protocol messages to system calls compatible with the operating system environment for the users computer. Likewise, the remote display module converts system calls to the local resource interface in the user's computer to remote control protocol messages which are transported across the network to the application interception module. The application interception module interface converts the remote control protocol messages to system calls for the application program. In this manner, output from the application program is provided to the user's computer and input actions at the user's computer are provided to the application program. Preferably, the remote display modules and application programs are presented through HTTP servers over a network to a user's system which uses a browser having a JAVA interpreter to execute the remote display module and convert the remote control protocol messages.

45 Claims, 4 Drawing Sheets



US00RE38598C1

(12) EX PARTE REEXAMINATION CERTIFICATE (7509th)

United States Patent

Frese, II et al.

(10) Number: US RE38,598 C1

(45) Certificate Issued: May 18, 2010

(54) **METHOD AND SYSTEM FOR ON DEMAND DOWNLOADING OF MODULE TO ENABLE REMOTE CONTROL OF AN APPLICATION PROGRAM OVER A NETWORK**

(75) Inventors: **Vincent Frese, II**, Woodstock, GA (US); **W. Brian Blevins**, Conyers, GA (US); **John P. Jarrett**, Roswell, GA (US)

(73) Assignee: **Tridia Corporation**, Marietta, GA (US)

Reexamination Request:
No. 90/010,092, Mar. 4, 2008

Reexamination Certificate for:

Patent No.:	**Re. 38,598**
Issued:	**Sep. 21, 2004**
Appl. No.:	**09/779,177**
Filed:	**Feb. 8, 2001**

Related U.S. Patent Documents

Reissue of:

(64)	Patent No.:	**5,909,545**
	Issued:	**Jun. 1, 1999**
	Appl. No.:	**08/589,136**
	Filed:	**Jan. 19, 1996**

(51) **Int. Cl.**

G06F 13/00	(2006.01)
G06F 15/16	(2006.01)
G06F 15/163	(2006.01)

(52) **U.S. Cl.** **709/208**; 709/229

(58) **Field of Classification Search** ..... None
See application file for complete search history.

(56) **References Cited**

PUBLICATIONS

"Using Norton pcANYWHERE for Windows User Guide," Copyright 1993–1994.

Paulos et al., "A World Wide Web Teleorobotic Remote Environment Browser," presented at the Fourth International World Wide Web Conference, Dec. 11–14, 2005; believed to have been submitted for publication on Oct. 9, 1995.

Port et al., "Requirements for Taking Applications Beyond The Enterprise," presented at the Fourth International World Wide Web Conference, Dec. 11–14, 2005; believed to have been submitted for publication on Oct. 9, 1995.

Gosling et al., "The Java Language Environment, A White Paper," Oct. 1995.

Primary Examiner—Woo H. Choi

(57) **ABSTRACT**

The system and method is disclosed for remotely controlling an application program over a network. The system includes an application interception module and remote display module. The remote display module is transported across the network and executed on the user system in response to a user's request to provide on-demand remote control of an application program. The application interception module captures an I/O stream generated by an application program, converts it to remote control protocol messages and transports them across a network to the remote display module executing in the user system. The remote display module converts the remote control protocol messages to system calls compatible with the operating system environment for the users computer. Likewise, the remote display module converts system calls to the local resource interface in the user's computer to remote control protocol messages which are transported across the network to the application interception module. The application interception module interface converts the remote control protocol messages to system calls for the application program. In this manner, output from the application program is provided to the user's computer and input actions at the user's computer are provided to the application program. Preferably, the remote display modules and application programs are presented through HTTP servers over a network to a user's system which uses a browser having a JAVA interpreter to execute the remote display module and convert the remote control protocol messages.